

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-6. (canceled)

7.(New): A rotary electric machine comprising:
a stator including coils;
magnetic poles having one end faces facing the stator; and
a rotor having the magnetic poles and rotated by electromagnetic energy from the stator,
wherein
the rotor includes:
a face in its radially outer region to which the other end faces of the magnetic poles are attached;
a stepwise drawn portion concentric with the face; and
a shaft portion located on its rotational axis,
the face in the radially outer region of the rotor is formed perpendicular to the rotational axis of the rotor, and
a face perpendicular to the rotational axis of the rotor is formed in the drawn portion or the shaft portion.

8.(New): The rotary electric machine as set forth in claim 7, wherein a space for a one-way clutch to be housed is formed by the stepwise drawn portion.

9.(New): The rotary electric machine as set forth in claim 7, wherein the magnetic pole-carrying face, the stepwise drawn portion and the shaft portion are formed integral with each other.

10.(New): A rotary electric machine having a fixed stator, and a rotor rotated by electromagnetic energy from the stator, wherein

the rotor has in its radially outer region a magnetic pole-carrying face, a stepwise drawn portion concentric with the face, and a cylindrical shaft portion, on the rotational axis of the rotor, formed in its radially inner region, the shaft portion or the drawn portion being formed with a face perpendicular to the rotational axis; and

a female thread is formed in the perpendicular face.

11.(New): The rotary electric machine as set forth in claim 10, wherein the female thread is formed on the rotational axis.

12.(New): The rotary electrical machine as set forth in claim 10, wherein the female thread is formed in a plurality around the rotational axis at regular intervals.

13.(New): The rotary electric machine as set forth in claim 7 or 10, wherein the face perpendicular to the rotational axis of the rotor formed on the drawn portion is formed in a a region, of the drawn portion, where the drawn portion is pressed against a bearing on the stator into which the shaft portion is inserted.